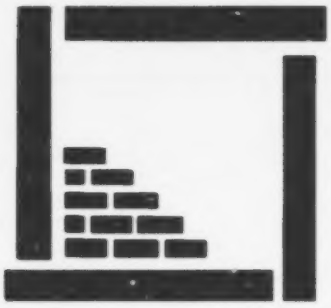
CC 87-I-20 (P)



PRELIMINARY REPORTS
INDUSTRY SERIES

1987 Census of Construction Industries

CC87-I-20(P)
Issued May 1989

WATER WELL DRILLING SPECIAL TRADE CONTRACTORS

(Industry 1781)

During 1987, the establishments with paid employees classified in this industry accounted for $1,405 million in total dollar value of business. Of this amount, $1,363 million were for the value of construction work. These establishments paid out $570 million for materials, components, supplies, and fuels and $32 million for construction work subcontracted to others. Total employment for this industry averaged 18,083 for the year with a total payroll of $342 million. Value added for 1987 was $803 million.

Establishments classified in this industry are primarily engaged in water well drilling and servicing water wells. For additional examples, refer to the 1987 Standard Industrial Classification (SIC) Manual published by the Office of Management and Budget, Executive Office of the President.

A "construction establishment" is defined as a relatively permanent office, or other place of business, where the usual business activities related to construction are conducted. A separate census report was required from each sampled establishment covering domestic operations.

In 1987, the value of construction work was collected to better measure actual construction activity done during the year. Construction receipts, as reported in earlier censuses, may have included the value of work done before or after the calendar year and may have excluded the value of work in progress during the calendar year. Receipts may have also excluded work done by builders engaged in construction for sale on their own account or for their own use. All dollar values are shown in current dollars for the years specified and have not been adjusted for inflation.

The data in this report are estimated from a sample survey and are subject to sampling variability as well as errors of response and nonreporting. The relative standard error shown in the tables is a measure of sampling variability. Descriptions of the sampling, estimating procedures, and data reliability are available upon request and will be included in the final report.

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Table 1. Detailed Statistics for Establishments With Payroll: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 3.]

Item			Relative standard error of estimate (percent)	
	1987	1982	1987	1982
Number of establishments in business during year	3 554	3 551	3	3
Proprietors and working partners	1 222	1 633	9	5
All employees**	18 083	17 153	2	3
Construction workers:				
March	13 116	13 183	2	2
May	14 420	13 974	2	2
August	14 727	13 862	2	2
November	13 747	12 429	2	3
Average	14 001	13 703	2	2
Other employees:				
March	3 859	3 448	3	3
May	4 070	(NA)	3	(NA)
August	4 080	(NA)	3	(NA)
November	4 312	(NA)	3	(NA)
Average	4 081	(NA)	3	(NA)
Construction worker hours (thousands):				
January to March	6 014	5 850	3	3
April to June	6 792	6 227	3	3
July to September	7 047	6 303	2	3
October to December	6 567	5 645	3	3
Total hours worked	26 422	24 026	3	2
Payroll, all employees	342 483	248 983	1	2
Payroll, construction workers	254 403	190 161	2	2
Payroll, other employees	88 080	58 821	2	2
First quarter payroll, all employees	74 923	60 129	2	2
Employer costs for fringe benefits, all employees	68 822	48 559	2	3
Legally required expenditures	51 504	34 246	2	3
Voluntary expenditures	17 318	14 313	3	2
Dollar value of business done	1 405 020	1 031 674	2	2
Value of construction work[1]	1 362 523	1 013 886	2	2
Value of construction work subcontracted in from others	231 164	116 796	6	5
Land receipts[2]	(NA)	(NA)	(NA)	(NA)
Other business receipts	42 496	17 798	8	8
Net value of construction work†	1 330 696	984 884	2	2
Value added††	803 463	577 507	2	2
Selected costs	601 564	454 167	2	2
Materials, components, and supplies	505 557	374 019	2	2
Construction work subcontracted to others	31 827	29 001	4	3
Selected power, fuels, and lubricants	64 180	51 145	2	3
Electricity	5 351	3 430	3	5
Natural gas	966	827	11	9
Gasoline and diesel fuel	53 480	43 361	2	3
On highway use	38 455	(NA)	2	(NA)
Off highway use	15 025	(NA)	5	(NA)
Other, including lubricating oils and greases	4 409	3 526	7	6
Rental costs for machinery, equipment, and buildings	17 712	10 758	5	5
For machinery and equipment	9 972	6 262	8	5
For buildings	7 986	4 496	5	6
Selected purchased services	73 627	50 284	3	3
Communication services	15 709	9 294	3	3
Repairs to buildings and other structures	3 860	2 505	10	8
Repairs to machinery and equipment	54 057	38 483	3	3
Ownership of construction projects:				
Value of construction work	1 362 523	1 013 886	2	2
Government owned	217 965	177 264	4	6
Federal	52 545	(NA)	13	(NA)
State and local	165 419	(NA)	3	(NA)
Privately owned	1 144 558	836 621	3	3

[1]In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity done during the year.
[2]Data were collected separately for establishments classified in SIC 1531, Operative Builders and SIC 6552, Subdividers and Developers, Except Cemeteries. For all other industries, data are included in other business receipts.

Table 2. Value of Construction Work for Establishments With Payroll by Type of Construction: 1987 and 1982

[Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see below.]

Item	1987	1982	Relative standard error of estimate (percent) 1987	1982
Value of construction work[1]	**1 382 523**	**1 013 886**	**2**	**2**
Building construction	560 724	236 067	3	4
Single-family houses	427 921	187 845	4	5
Single-family houses, detached	411 162	186 418	4	5
Single-family houses, attached	16 759	1 426	17	16
Apartment buildings with two or more apartments	4 549	(NA)	19	(NA)
Other residential buildings, including hotels and motels	16 423	(NA)	19	(NA)
Hotels and motels	4 289	(NA)	19	(NA)
Other residential buildings, excluding hotels and motels	12 133	(NA)	30	(NA)
Office buildings	11 291	(NA)	15	(NA)
Other commercial buildings such as stores, restaurants, and automobile service stations	33 138	(NA)	5	(NA)
Industrial buildings and warehouses	26 635	(NA)	7	(NA)
Industrial buildings	22 211	(NA)	10	(NA)
Warehouses	4 424	(NA)	6	(NA)
Religious buildings	2 349	(NA)	22	(NA)
Educational buildings	2 777	(NA)	14	(NA)
Hospitals and institutional buildings	3 336	(NA)	9	(NA)
Farm buildings	17 866	(NA)	9	(NA)
Other nonresidential buildings	14 039	48 222	19	3
Nonbuilding construction	634 890	573 730	4	2
Conservation and development construction	5 239	(NA)	33	(NA)
Water mains and related facilities	554 399	549 036	4	3
Sewage treatment and water treatment plants	18 452	(NA)	9	(NA)
Sewage treatment plants	2 144	(NA)	(W)	(NA)
Water treatment plants	16 307	(NA)	11	(NA)
Other nonbuilding construction	56 800	24 694	11	4
Construction work, n.s.k.	187 309	204 088	6	5

[1] In earlier censuses, construction receipts only were collected. In 1987, the value of construction work was collected to better measure actual construction activity done during the year.

The following abbreviations and symbols are used in the tables in this publication:

- * Sampling error exceeds 40 percent.
- ** All employees is the sum of all employees during pay periods including 12th of March, May, August, and November, divided by 4.
- – Represents zero.
- † Represents value of construction work less payments for construction work subcontracted to others.
- †† Represents dollar value of business done less payments for construction work subcontracted to others, and payments for materials , components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "dollar value of business done".
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.

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